



# Federal Communications Commission

Approved by OMB  
3060-0999  
See instructions for  
public burden estimate.

## Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2016 - December 31, 2016

Filing Confirmation Number: 0007615119

Filing Deadline: March 23, 2017

FRN: 0001700616

Filing Date: 01/09/2017 11:56 AM

### General Report Information

#### Type of Company

Service Provider

#### De Minimis Exception

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### Company Information

Company Name: Cross Telephone Company

Brand Names: Cross Wireless

PO Box: 9

Street Address:

City: Warner

State: OK

Zip Code: 74469

Contact Name: Nicholas A. Martin

Contact Phone: (918) 391-7237

Contact Fax:

Contact Email: namartin@crosstel.net

#### Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? Yes

Agent Name: Lukas, LaFuria, Gutierrez & Sachs, LLP

PO Box:

Street Address: 8300 Greensboro Drive, Suite 1200

City: Tysons

State: VA

Contact Name: Pamela Gist  
Contact Phone: (703) 584-8665  
Contact Fax: (703) 584-8696  
Contact Email: pgist@fcclaw.com

### Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

### Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: <https://www.crosstel.net/hac/>

Explain:

### Consumer Outreach

Describe consumer outreach efforts in the past 12 months: Compliant handset models are publicly identified for consumers and audiologists. Compliant models are listed on the company web site, and retail salespeople are trained to assist with complaint digital wireless phones. Compliant handsets are available for testing in retail locations. Written materials and promotional literature are provided at the point of sale and on the website, addressing the needs of individuals with hearing disabilities. Such consumers are given a thirty day trial period within which to try out digital wireless phones to determine whether they will work properly with their hearing aids.

### Methodology for Functionality Levels

PDA's or smartphones generally have advanced features such as expandable memory, enhanced camera, Bluetooth,

video, Internet access, touch screen UI, faster processing, email, full QWERTY keypads, and in many cases Windows Office Mobile, to meet the demands of mobile business professionals and consumers.

Mid-Tier Phones may have a camera, Bluetooth, or Internet access capability, but are less likely to offer video, music and media player capability. Design is typically less stylish, tends to be clamshell or flip form factor.

Low-Tier Phones offer basic wireless telephone features, may not have a camera, Bluetooth, or Internet access capability, and generally lack such features MP3 players and expandable memory. Typically utilitarian design suitable for customers using voice/text only, tends to be flip or bar form factor.

### Report Remarks

Cross Wireless does not operate voice communications network facilities utilizing GSM, VoLTE, WCDMA, AWS, WiFi or WiMax air interfaces.

You have reported the following handset model summary information.

Total number of handsets offered: 22

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Total by Air Interface
	Number	Percent	Number	Percent	
CDMA	21	95%	1	5%	22
LTE	14	93%	1	7%	15
Wi-Fi	15	94%	1	6%	16

### Handset 1: HTC ONE M9

#### Handset Maker

HTC

#### Handset Model Name

ONE M9

#### FCC ID

NM80PJA300

#### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

#### Dates

This handset model was offered from: 01/16 to 12/16

#### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

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### Handset 2: Kyocera DuraScout ES6782L

#### Handset Maker

Kyocera

#### Handset Model Name

#### FCC ID

DuraScout ES6782L

V65E6782

#### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

#### Dates

This handset model was offered from: 01/16 to 12/16

#### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

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### Handset 3: LG AN170 Fluid II

#### Handset Maker

LG

#### Handset Model Name

AN170 Fluid II

#### FCC ID

ZNFVN170

#### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 01/16 to 12/16

#### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Low-tier

#### Remarks

### Handset 4: LG AN200 SABER

#### Handset Maker

LG

#### Handset Model Name

AN200 SABER

#### FCC ID

BEJUN200

#### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 01/16 to 12/16

#### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Low-Tier

#### Remarks

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### Handset 5: LG G4

#### Handset Maker

LG

#### Handset Model Name

G4

#### FCC ID

ZNFVS986

#### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

#### Dates

This handset model was offered from: 01/16 to 12/16

#### Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

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## Handset 6: LG Wine II AN430

### Handset Maker

LG

### Handset Model Name

Wine II AN430

### FCC ID

BEJUN430

### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

Low-Tier

### Remarks

## Handset 7: Motorola Moto E

### Handset Maker

Motorola

### Handset Model Name

Moto E

### FCC ID

IHDT56QC8

### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz CDMA

850 MHz LTE

1900 MHz CDMA

1900 MHz LTE

2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

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### Handset 8: Motorola Moto E (2nd) XT1526

#### Handset Maker

Motorola

#### Handset Model Name      FCC ID

Moto E (2nd) XT1526      IHDT56QC7

#### Air Interfaces/Frequency Bands

850 MHz CDMA  
1900 MHz CDMA  
2.4 GHz Wi-Fi

#### Dates

This handset model was offered from: 01/16 to 12/16

#### Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

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### Handset 9: Motorola Moto Maxx

#### Handset Maker

Motorola

#### Handset Model Name      FCC ID

Moto Maxx      IHDT56PK1



### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

PDA

### Remarks

## Handset 10: Motorola Moto X

### Handset Maker

Motorola

### Handset Model Name

Moto X

### FCC ID

IHDT56PB1

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

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### Handset 11: Samsung CORE PRIME LTE

#### Handset Maker

Samsung

#### Handset Model Name

#### FCC ID

CORE PRIME LTE

A3LSMG360V

#### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

#### Dates

This handset model was offered from: 01/16 to 12/16

#### Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

PDA

#### Remarks

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## Handset 12: Samsung Galaxy S4

### Handset Maker

Samsung

### Handset Model Name

Galaxy S4

### FCC ID

A3LSCHI545

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M3

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

PDA

### Remarks

## Handset 13: Samsung Galaxy S4 Mini

### Handset Maker

Samsung

### Handset Model Name

Galaxy S4 Mini

### FCC ID

A3LSCHI435

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

PDA

### Remarks

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## Handset 14: Samsung Galaxy S5

### Handset Maker

Samsung

### Handset Model Name

Galaxy S5

### FCC ID

A3LSMG900V

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

PDA

### Remarks

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## Handset 15: Samsung GALAXY S6

### Handset Maker

Samsung

### Handset Model Name

GALAXY S6

### FCC ID

A3LSMG920V

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

PDA

### Remarks

## Handset 16: Samsung GALAXY S6 EDGE

### Handset Maker

Samsung

### Handset Model Name

GALAXY S6 EDGE

### FCC ID

A3LSMG925V

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

PDA

**Remarks****Handset 17: Samsung Galaxy S7****Handset Maker**

Samsung

**Handset Model Name**

Galaxy S7

**FCC ID**

A3LSMG930US

**Air Interfaces/Frequency Bands**

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

**Dates**

This handset model was offered from: 05/16 to 12/16

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

PDA

**Remarks**

## Handset 18: Samsung Galaxy S7 Edge

### Handset Maker

Samsung

### Handset Model Name

Galaxy S7 Edge

### FCC ID

A3LSMG935US

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 09/16 to 12/16

### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

PDA

### Remarks

## Handset 19: Samsung Note 5

### Handset Maker

Samsung

### Handset Model Name

Note 5

### FCC ID

A3LSMN920V

### Air Interfaces/Frequency Bands

700 MHz LTE  
850 MHz CDMA  
850 MHz LTE  
1900 MHz CDMA  
1900 MHz LTE  
2.4 GHz Wi-Fi

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

PDA

### Remarks

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## Handset 20: Samsung R261 Chrono

### Handset Maker

Samsung

### Handset Model Name

R261 Chrono

### FCC ID

A3LSCHR261

### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

Low-Tier

### Remarks

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## Handset 21: Samsung R270

### Handset Maker

Samsung

### Handset Model Name

R270

### FCC ID

A3LSCHR270

### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

Low-Tier

### Remarks

## Handset 22: SONIM XP4400 Enduro

### Handset Maker

SONIM

### Handset Model Name

XP4400 Enduro

### FCC ID

WYPC21F007AC

### Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

### Dates

This handset model was offered from: 01/16 to 12/16

### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Mid-Tier

#### Remarks

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### Certification

#### This Report has been certified by:

Nicholas A Martin Wireless Device Technician  
01/09/2017 11:56 AM